438-22-900, Replace Boiler Plant

Questions and Answers

1. Regarding radiographic testing, could you please clarify if this will be required and to what extent?
	1. See revised Specifications: 01 45 29.
2. Are prior approvals necessary, and what does this process involve?
	1. This question was asked in relation to proposed manufactures.
		1. See amendments for sole source / name brand requirements for this solicitation. Products and services must comply with the project plans and specifications, unless otherwise noted.
3. How does the “Buy American” clause work for this project?
	* 1. See FAR 52.225-11 and FAR 52.225-12 for instructions and requirements.
	1. Do you need to know this for each piece of equipment we propose?
		1. Only as required per FAR 52.225-11 and FAR 52.225-12.
4. Number of cables on site plans. On plan ES101, key note 7 calls for (8) total mm fibers, (8) sm fibers, (8) 25 pair coppers, & (8) RG-11. Is this correct?
	1. Yes, per the plans and specifications. For clarification the New Boiler Plant is not considered an “Perimeter Building”.
5. Number of cables on site plans. On plan ES101, key note 8 calls for (8) total mm fibers, (8) sm fibers, & (8) RG-11. Is this correct?
	1. Yes per the plans and specifications. For clarification the New Boiler Plant is not considered an “Perimeter Building”.
6. Does the new backbone cabling between the new boiler plant and exiting hospital need terminated and tested at both ends?
	1. Yes. Per specification 27 15 00
7. Does the coaxial backbone cable between the boiler plant and existing hospital require building entrance surge protection? (271500.2.2.D.1)
	1. Yes. Per specification 27 15 00
8. Does the CAT6A camera cabling between camera and building entrance require surge protection? (271500.2.2.D.1)
	1. Yes, per specification.
9. Does the 25 pair backbone cable between the boiler plant and existing hospital require building entrance surge protection? (271500.2.2.D.1)
	1. Yes, per specification.
10. What category cable is the 25 pair between the boiler plant and existing hospital? CAT3, CAT5E, ect?
	1. Category 6a
11. Does the TV Coaxial cabling terminate on Patch Panel?  Spec 271000 2.3 D.1
	1. Yes, per specification.
12. Does the CAT6A cabling terminate on Patch Panels or 110 Block? Spec 271000 2.3 D.1.A.1 110 Block.
	1. 110 block.
13. Plan sheet ET101 calls for (1) 2post Rack & (1) 4post Rack but Plan sheet ET502 calls for a Rack Mount 12U Cabinet. Which is correct? If the free-standing racks are correct, will an elevation detail be provided?
	1. The contractor shall provide (1) 2-post and (1) 4-post free standing racks. See revised drawing ET502, refer to addendum No. 3 on drawing ET502. No elevation of rack is required.
14. Backbone termination. On plan sheet ES104 it calls for 50’ slack at server room land point. In specs it calls for all backbone cables to be terminated. (271500 2.2 G/H)
	1. Contractor shall terminate at server as called for on drawing ES104 and provide 50’-0” of slack as indicated on drawing ES104.
15. Plan sheet ET101 KN1 & ET501 General Note C calls for a 24” x 6” deep cable tray then on plan sheet ET502 it calls for all cable trays to be 12” wide. Which is correct?
	1. General Note “C” on drawing ET101 states: “Conduit used shall be 1 ¼” EMT. Keyed note on drawing ET101 shall be 24” (Wide) x 6” (Deep”. See revised drawing ET502.
16. For the CAT6A cable coloring, Telcom General notes K calls for Purple Jacket, while Telcom General note M calls for Cabling to be blue. Does the jacket color change for certain situations?
	1. The color of the insulation shall be blue. See revised drawing sheet ET101; refer to addendum No. 3.
17. On plan sheet ET501 Detail 1 the Note calls for no plastic window then in the specs (271500 2.1.I) it calls for plastic covers over labels. Provide clarification.
	1. No plastic windows permitted; See revised specification 27 15 00; refer to addendum No. 3 on specification.
18. On sheet plan ET101 General Note D calls for Fully engineered Tele/Comm shop drawings of the entire Tele/Comm Installation, please define the requirements for this work if required?
	1. The contractor shall provide shop drawings submittals of the telecommunications system, the shop drawings shall indicate all terminations, cabling as well as FOC (Fiber Optic Cable) connections, block connections and any other additional information.
19. Will the site work have a separate wage determination?
	1. See solicitation attachments and amendments for the wage determination for this project.
20. Per Spec Section 264200 Cathodic Protection, will cathodic protection be required for Division 26 on this project? We normally only see this regarding Division 22 and 23 specifications.
	1. Cathodic protection is required per specification sections 23 10 00.  26 42 10 is the reference section on how to install the cathodic protection.
21. Per Spec Sections 270511 Requirements For Communications Installations; 280528 Common Work Results For Electrical Safety and Security; References Seismic engineer design and testing, will this be required for this project?
	1. No seismic requirements required; See revised specifications 27 05 11 and 28 05 28; refer to addendum No. 3.
22. Plan sheet ES101 notes 7&8; Will the existing roads and parking lots be removed for the installation of new concrete-encased duct bank? What will be the time duration of closures for installation?
	1. Trenching permitted for this portion of construction. See revised drawing ES101.
23. Will furnishing, installation and termination of boiler control wiring be the responsibility of the boiler supplier?
	1. The boiler contractor shall be responsible for boiler control wiring.
24. Plan sheet EP603 has panel “IT”, this panel is not represented on the one-line diagrams. Will this be added to a future addendum?
	1. This panel is included in the project, see revised drawing sheets EP503 and EP102; refer to addendum No.3
25. Please clarify discrepancies on one-lines between plan sheet EP501 and EP503; the load side of ATS-LS is not consistent.
	1. See drawings EP501-EP504, please refer to addendum No. 3 for further information.
26. Plan sheet EP501: Per Detail (2) on this plan sheet current amp rating designation 3 denotes 50Amp rated applications, should the designation be (4) for 100Amp application?
	1. See drawings EP501 – EP504, please refer to addendum No. 3 for further clarification.
27. Plan sheet EP503: Shows LSE being fed from HSE please clarify discrepancy per one-line on plan sheet EP501; Should this be representing Panel “IT” and current information shown is incorrect?
	1. See drawings EP501 – EP504, refer to addendum No. 3 for further clarification.
28. We are interested in bidding the epoxy flooring on this project, but we need some clarification on the spec. The spec as written has several contradictions in it that don't make the system possible, and the finish schedule as written lists two different manufacturers and a system that is different from the spec. Can you check with the customer or architect what system and color they want installed?
	1. Refer to revised Specs 09 67 23.30. All manufacturers listed in either specifications or construction documents are “basis of design” per VA guidelines unless otherwise determined by a *Justification and Approval For Other Than Full and Open Competition*. (see attachments). Manufacturers listed in the Finish Schedule are, as noted previously, “basis of design” only. See drawing AE121 for system and color.
29. Diesel Storage Tank | Civil Drawing CK502 (in the Fuel Tank Drawing Title Block) specifies a 35,000-gallon tank. Mechanical Drawing MP505 (under the picture of the tank) specifies a 40,000-gallon Underground Double Walled Diesel Storage Tank. Which is the correct sized tank?
	1. The Fuel Oil Storage tank fill capacity is a minimum of 35,000 Gallons.  Typically, tanks are not filled over 90% of the tank volume therefore the tank volume is 40,000 gallons to allow for expansion of the liquid. See revised drawings CS101, CU101, and CK502.
30. Diesel Storage Tank | Drawing PL500 shows the industrial water storage tank having (2) 22" manways with a 42" diameter manway in which (1) would be for the ladder and (1) would be for the gauge. However, Drawing CK502 shows the industrial water storage tanks having just (1) 30" manway with a 30" manway extension access with hinged and lockable top just (1) for the ladder, NO gauge. There is also no drawing showing the openings in the manways of the water tanks for the submersible pump, gauging, ext. like shown in the manways of the Diesel Fuel Tanks. Also, no valving is shown in the 2" and 6" water lines from the water tanks back to the building. Please advise.
	1. See revised Drawings PL500, PL700, PL701, and CK502 (to reference plumbing sheet PL500 for tank design specifications).
31. Plan Sheet EP503: The transformers on this page reference key notes 3 & 5, Note 3 – trapeze mounting and Note 5 – floor mount. Please clarify correct notes.
	1. See revised drawing EP503.
32. Is there also a planholders list available for this project?
	1. A planholders list is not available for this solicitation.
33. Plan sheet EP502: Per the one-line diagram for 12B-104, it depicts a new VFD and Disconnect, Will we be required to provide a new VFD and disconnect for 12B-104? Even the motor is marked for future.
	1. No, motor is future requirement.
34. Per the one-line diagram for 12BFW-104, it depicts a future VFD, Will we be required to provide a new VFD for 12BFW-104? Even the motor and VFD is marked for future.
	1. No, motor is future requirement.
35. Plan sheet E-001 general Note D, Will it be acceptable to use stranded conductors for #8 and #10 conductors?
	1. No.
36. Plan sheet EL103 general note J: Will trenching be allowed where feasible?
	1. Trenching only permitted with installation of new duct bank; see revised plan sheet ####
37. Will alternative generators manufacturers be accepted?
	1. There are no sole source requirements for the generators. Supplied generators must meet the plans and specifications. See Revised Specification 26 32 13.
38. (VMS) Regarding Spec 28 23 00, will this system serve as an extension of the existing campus VMS?  Assuming so, please note the following questions:
	1. Will there be sufficient rack space available for a new Network POE Switch/Patch Panel?
		1. Yes
	2. Will a UPS as necessary to serve the Network POE Switch be provided by others?
		1. UPS system is provided by the Division 26 contractor, refer to specifications 26 33 53 and drawing EP101.
	3. Shall the new recording server be placed in the campus MDF closet?
		1. Contractor shall add new server at main campus MDF.
	4. Will dedicated fiber be provided for use in interfacing a new Network POE Switch with the campus VMS Aggregation switch located in the campus MDF closet?
		1. The contractor shall provide dedicated FOC for Network POE Switch at campus MDF.
39. (VMS) Regarding Spec 28 23 00 and the camera models listed within the drawings, some of the model numbers are discontinued and have since been updated, can we use the new model numbers (i.e. P3719-PLE has been replaced with P3737-PLE) and/or the closest substituted option?
	1. See revised camera model numbers on drawing EY101 and EY105, refer to addendum No. 3 on both drawings.
40. (VMS) Regarding the Camera Legend as shown on several electrical sheets such as EY101, Symbol B represents two (2) cameras.  Question, are two cameras intended for each respective location or is this a design error?
	1. See revised drawing EY101 for updated camera models and quantity.
41. (VMS) Regarding the System Key Note #13 on sheet EY101, is the camera slated to serve the Telecom Room intended to be a separate solution and not integrated into the campus VMS system?
	1. Camera within Telecomm room shall be separate from VMS system as indicated on drawing, this camera shall be activated by motion detector and shall have its own recording system.
42. (Intercom) Regarding Sheet ES106 and the intercom shown to communicate between the Gate and Control Room, is there a preferred intercom brand & model?  Also, shall the transmission be Audio only or Audio/Video?  Lastly, shall this be a standalone intercom solution or integrated into the Video Management System for archiving purposes/management?
	1. There is no preferred manufacturer or model No. for the intercom system, the transmission shall be audio only, as there is a camera at this location, the intercom system is a stand-alone system.
43. (IDS) Regarding the System Key Note #5 on sheet EY101, shall the compatible IDS system be integrated and monitored via C-Cure 9000 while leveraging Lynx for notifications as factored into other separate/ongoing discussions on campus?
	1. The contractor shall provide JCI C-Cure 9000 system. See attachments for Justification and Approval For Other Than Full and Open Competition
44. (PACS) Regarding the System Key Note #6 on sheet EY101, recently the HID Signo Series PIV Class readers (newer alternative HID model) have been used elsewhere on campus, is this an acceptable substitute?
	1. The card reader system shall be compatible with JCI C-Cure 9000 system. See attachments for Justification and Approval For Other Than Full and Open Competition.

1. (FA) Regarding Sheet FA501, detail #1, explosion proof devices are required.  Currently, the FACP OEM doesn’t have a product line of explosion proof devices and rather would need to lean on 3rd party solutions while implementing a conventional means of interfacing.  Additionally, other security devices placed in these same areas do not require an explosion proof classification which prompts the question, is an explosion proof rating required?  If required, could product recommendations be provided in order to meet the design requirements?
	1. See revised drawings FA101 and FA501; refer to addendum No.3
2. (FA) Regarding sheet FA502, details #1 & #2 are missing, please advise.
	1. See revised drawing FA502.

1. Will the electrical contractor be responsible for temporary storage for light fixtures to be removed and returned to owner found on Sheet CD101? This also appears to be a pole light fixture, please confirm if pole is also to be returned or disposed of.
	1. Contractor to return light fixtures and pole light fixture to the VA, per the plans and specifications.
2. Sheet CU101 note #5 calls for the installation of 2 new water storage tanks. Note 12 on this sheet references submersible pumps and controls for each tank. This sheet does not show any electrical routing or control locations, a corresponding circuit cannot be readily identified on the panel schedules. Please confirm where these are being fed from and any specific electrical requirements or details at the tank locations.
	1. See revised drawings PL200, PL600, and CU101.
3. Regarding the existing medium voltage junction box #3 that is scheduled to be replaced (shown on Sheet E-901 and referenced in note #1 on Sheets ED10 and ES101), the existing concrete pad is scheduled to be replaced. Is the adjacent manhole foundation also being replaced by the electrical contractor? Please also confirm the desired size of the new foundation for these items including the new transformer. This is relevant to the requirement of completing the medium voltage changeover/shutdown in one day as per note A in the outage plan notes also found on sheet ES101.
	1. The existing manhole pad and the new concrete pad shall be one single pad, the exact dimensions of the concrete pad will be field coordinated with shop drawing submittals, we cannot determine the exact dimensions because the junction box and transformer have not been purchased, each manufacturer differs slightly in size.
4. Please confirm if there will be limits to working hours/specific phasing considerations for the necessary penetration and coring work related to the telecommunication loop “’A” and “B” in Building 5.
	1. Phasing does not need to be considered but working hours, off hours, and dust control will need to be considered.  General contractor must propose a schedule, including normal working hours and off hours, for approval by the VA before any work is begins.
5. #56: Are you sure that scale is correct?  If I use ¾”-1’ on that sheet it shows the building is only 8’ long. The building appears to be 1”=20’ like on the civil sheets.
	1. See revised drawing EL103.
6. Please confirm that general note F on Sheet EL103 will be applied for the 4-“BB1” pole lights shown on the same page.
	1. Yes, unless otherwise noted in the plans and specifications.
7. Regarding the conduit work required in the existing tunnel shown on sheet E-903, are there any restrictions for location or mounting of the PVC schedule 80 4” conduit required for continuation of telecommunications loop “B”.?
	1. The installation of conduit within the existing tunnel system shall be means and methods on site coordination, unless otherwise stated in the plans and specifications, or by local, state, or federal codes and/or regulations.
8. Will there be any additional decommissioning electrical scope in building 11 – existing boiler plant?
	1. No, unless otherwise stated in the solicitation documents.
9. Please confirm if plan scale on the electrical drawings is correct.
	1. Scale has been updated to 1/16”=1’-0”, see revised drawing EL103.
10. Plan sheet: EP501Note 8: Will we be required to demo the existing concrete pad or can we utilize the existing to place new MV junction box if current pad is big enough?
	1. If replacing pad, will we only be required to replace the concrete cap or will the entire vault need to be replaced? My concern with this is the time allowed for this SOV.
		1. The existing concrete pad will be removed and replaced, a single concrete pad will need to be provided by the contractor
	2. If not required to preplace the pad is it acceptable to increase the size of existing pad to accommodate added XFMR?
		1. A single pad shall be provided.
11. Sheet EL103 | The scale on Sheet EL 103 shows ¾”=1’-0”. This does not seem correct. Please verify.
	1. See revised drawing EL103.
12. Sheet EM101 | On Sheet EM101 there are (3) Flame Safeguard Control panels. They do not appear on the equipment schedules in the electrical drawings. Who is providing them? Do they need disconnects? Please provide any other relevant electrical information on these panels.
	1. The control panels should be provided by the boiler manufacture, the electrical contractor shall provide power to the control panels, the panels shall be hard wired.
13. Sheet EP503 Detail 3 | Where is the above ground fuel oil tank located?
	1. The fuel tanks are located on Civil drawing CG101.
14. ES101 Notes 7/8 | In the first half of note 7, it says to provide (1) of each cable type, and in the second half of note 7, it says to provide (8) of each cable type. Which is correct for note 7? Note 8 has similar quantities of cables as note 7. Which is correct for note 8?
	1. See revised sheet ES101.
15. ES101 Note 8 | On note 8, is it (1) 4” conduit or (4) 4” conduits?
	1. (4) 4” conduits.
16. ES101 Note 8 | On note 8, is any of the conduit run existing, or is it all new? If all new, is the design intent that the conduit will be bored under the existing road between the project site and the existing tunnel?
	1. New cabling shall be routed within new concrete cell-duct system see revised drawing ES101.
17. Section 33 16 00 2.2 | “In-tank pumping system” is outlined in Section 33 16 00 2.2 for the underground water storage tanks. There are no pumps scheduled, nor are the electrical requirements outlined. Please advise.

See revised drawingsPL200, PL600, and CU101.

1. Opacity Monitors | Are opacity monitors required on the boilers? The specification is unclear and indicates "if required."
	1. Opacity Monitors are required.
2. Fuel Costs | Please confirm the Government will handle the costs associated with filling the new underground fuel tanks with fuel.
	1. Government will handle the costs associated with filling the new underground fuel tanks with fuel.
3. Water Costs | Please confirm the Government will handle the costs associated with filling the new underground water tanks with water.
	1. The Government will handle the costs associated with filling the new underground water tanks with water.
4. On-Site Personnel | Please confirm the project does not require a full-time on-site Quality Control Manager. No quality control specification was included. Please confirm the project only requires a full-time on-site Project Superintendent and a separate full-time on-site SSHO.
	1. A full time Quality Controls Manager is required. See specification section 01 35 26 1.7 for information on Quality Control Manager. See this same section of the specification for information on the Project Superintendent, separate full time on-site SSHO, and all other required staff.
5. Please confirm that the radiographic testing is the contractor’s expense.
	1. All radiographic testing is to be provided by the General Contractor. See specification 01 45 29.
6. Who is the Controls contractor for the VA Campus? Can you give contact information?
	1. Johnson Controls Incorporated is the controls contractor on campus. Johnson Controls in Sioux Falls office number is (605) 361-0680. See attachments for Justification and Approval of Other Than Full and Open Competition.
7. Is there a requirement to use that same controls company for the new plant?
	1. Yes Johnson Controls must be used for temperature controls. See attachments for Justification and Approval of Other Than Full and Open Competition.
8. For the plant controls, the low voltage wiring is called out to be by 230923, the DDC contractor. Should this instead be by 23 09 11, the plant controls contractor?
	1. The low voltage wire is part of the building DDC system, which communicates with the overall site/hospital DDC system.  23 09 11 is the boiler plant and boiler equipment control section. These are separate controls systems.
9. Please confirm what % of work must be completed by SDVOSB?
	1. See VAAR 852.219-75
10. The plumbing plan drawing shows an 8" domestic water service from Garfield Avenue and a 8" domestic water service from West 26th Street entering the new boiler room. The plumbing drawings show any 8" reduced backflow preventer on each riser with no water meter. As a water meter is required by the city and the city does noy have 8" water meters in their system, the city would like to see 2-4" water meters and 2-4" reduced backflow preventors on each 8" riser. The 2 water meters and 2 reduced backflow preventers can then be increased on the outlet side to 8" (see attached drawing). The city has 4" water meters and repair parts at the Sioux Falls Shop. (Note: The city will not allow for any type of bypass around water meters.)
	1. See revised drawings related to this work.
11. As this is a 2.5-year project, how would you handle material and equipment cost increase as the boiler room interior material and equipment most likely will not be required in the first year on site if not a little longer. If certain items are purchased at the beginning of the project and put into a warehouse area, but not installed for one to two year prior to start up, the manufacturers will most likely not warranty the item in question.
	1. This question is a *matter of business* question in which the Government will not give direction to. See FAR 52.246-21 Alt I for warranty requirements.
12. Plan Sheet PL 101 6" CW to storage tanks and 2" IWS Piping. Question should there be isolation values for each tank for future maintenance, etc.
	1. See revised drawings PL700 and PL701; refer to Addendum 3.
13. Doors-- the hollow metal frame specs have stainless steel frames listed interior and exterior. confirm need stainless steel. looking at the type 40 and 42 doors are labeled as "integrated door assembly". Just want to clarify what they mean for those.
	1. Stainless steel frames are not required.
14. For foundation support what is preferred, over excavation or option 1 (rammed aggregate piers) or option 2 (helical piers) from the geotechnical report?
	1. Over-excavation and fill - shallow foundations is preferred.
15. Please confirm that it is to be contractor provided 3rd party testing and 3rd party commissioning.
	1. Offeror to provide all 3rd party testing per that plans and specifications. Commissioning is to be provided by the AE of Record.
16. Can the VA provide clarification on whether or not they will be hiring the CxA? 01 91 00 currently says the VA will provide the Commissioning Agent.
	1. Commissioning is provided by the AE of Record.
17. Can the VA either confirm the current list of systems to be commissioned listed in the 01 91 00 is accurate, or provide an edited list that is applicable to the project? The current list of systems to be commissioned does not appear to be fully coordinated with the project scope.
	1. Commissioning is provided by the AE or Record. See specifications 01 91 00, 21 08 00.01, 22 08 00, 23 08 00, 26 08 00, 27 08 00, 28 08 00 and 33 08 00 for commissioning scope.
18. Can the VA provide clarification on which entity will be required to perform Owner training recording? It is listed in the 01 91 00, but the wording is such a way that the Contractor(s) would be doing that and the CxA would be witnessing and verifying the Owner training.
	1. Owner training and owner training recording to be by equipment supplier and observed by the commissioning agent.
19. If any building envelope commissioning is desired/required, can we get a clear scope of what the VA wants this to entail? Would this consist of witnessing construction of the building and the envelope components, or will there be any performance testing of the building envelope systems?
	1. No, refer to the specification 01 91 00.
20. Can the VA provide information on if any X-Ray welding inspections are needed?
	* 1. All radiographic testing to be provided by offeror.
	1. If so, what would they like to have inspected? What is the pass rate needed?
		1. See specification 01 45 29.
21. Should the General Contractor plan for winter conditions? Would the VA issue stop work order for winter earthwork exclusions?
	1. Contractor is to complete the project in within the Period of Performance. Suspension of Work is situationally dependent and will addressed by the Contracting Officer if there is a need to suspend any or all work as necessary/justified.
22. Is the contractor responsible for bringing AWE out for follow up inspections or sign off?
	* 1. No
	1. If the VA is bringing out the testing agency, should contractor a lot for labor and time to address findings?
		1. Contractor should account for all labor and materials to complete the project per the plans and specifications, unless notified otherwise.
23. Is the contractor responsible for bringing BEI out for follow up inspections or sign off?
	* 1. No
	1. If the VA is bringing out the testing agency, should contractor a lot for labor and time to address findings?
		1. Contractor should account for all labor and materials to complete the project per the plans and specifications, unless notified otherwise.
24. Does Geo Report over rule specs/drawings?
	1. See FAR 52.236-2, 52.236-3, 52.236-21, VAAR 852.236-71 and any other requirements in the solicitation.
25. Who will be responsible for the initial fill of new tanks?
	1. The Government will handle the costs associated with filling the new underground water tanks with water.
26. What Wage Determinations are to be used for 2025 work and beyond considering length of P.o.P?
	1. See solicitation attachments and amendments for the Wage Determination.
27. Page CG104 shows construction limits for the project.  The limits going west for the phase 2 water line installation (page CU103) are not nearly wide enough for safe installation of the pipe.  Can the construction limits be widened to a minimum of 25’ so we can get the pipe installed per OSHA specs?
	1. See revised drawing CG104.
28. Please confirm the CxA (Commissioning Agent) will be contracted by the VA and only a CxM (Commissioning Manager) is required by the contractor.
	1. Commissioning will be provided by the AE of Record.
29. Please confirm if contaminated soils are encounter, a change order will be issued to the contractor to properly haul and dispose of contaminated soils.
	1. See FAR 52.236-2 and FAR 52.236-3
30. Please confirm the Superintendent shall not have any shared duties as a QCM, SSHO, or any other role on the project.
	1. No the superintendent cannot have shared duties with QCM, SSHO, or any other role on the project.
31. Please confirm the SSHO shall not have any shared duties as a QCM, Superintendent, or any other role on the project.
	1. No the SSHO cannot have shared duties with QCM, superintendent, or any other role on the project.
32. Please confirm the QCM shall not have any shared duties as the SSHO, Superintendent or any other role on the project.
	1. No the QCM cannot have shared duties with SSHO, superintendent, or any other role on the project.
33. Please confirm there are no constraints as it relates to the phasing plan.
	1. Constraints are present to minimize the disturbance to the remainder of the VA Campus. Coordination and efficiency following the phasing plan to excavate, install, and repair affected areas such as the paved parking lot in Phase I to allow continued access for daily functions.
34. Please confirm the only phases required on the project are those listed on CU103.
	1. See drawing PL700 and MP702 for additional phasing requirements. Review all plans and specifications for all phasing requirements.
35. Please provide the control sequence diagram for the new boiler house.
	1. The control sequences for the boiler plant equipment are outlined in specification 23 09 11.  The controls contractor is responsible for the controls diagrams as part of the submittal process.
36. Please provide a control sequence diagram to connect the new boiler house into the existing boiler plant.
	1. The new boiler plant will not be connected to the old boiler plant.
37. Please confirm that the contractor is to supply all materials testing for the project. Spec Section 01 00 00 1.2D states testing laboratory will be retains by the VA. Spec section 01 45 29 states the testing lab will be retained by the contractor.
	1. All material testing to be by the contractor; see 01 45 29 for more information. In regards to 01 00 00 1.2D these services will be supplied by the contractor.
38. Please confirm that all firestopping must be either installed by an FM global approved contractor, or a UL qualified firestop contractor certified.
	1. All firestopping must be installed by UL qualified contractor certified, per the plans and specifications.
39. Please confirm that the contractor is to include the services of a third party independent firestopping inspector in their bid.
	1. Yes, per section 01 45 35 Special Inspections, Schedule of Special Inspection and 07 84 00.
40. Please confirm that firestopping installers accredited by a firestopping product manufacturer will not be approved by the VA unless they meet the FM global or UL qualifications referenced in section 07 84 00.
	1. Approval will be based on specification 07 84 00, unless otherwise noted.
41. Please confirm the contractor can utilize the parking lot that is within the indicated construction limits as an additional lay down area.
	1. Yes the contractor can utilize the parking lot that is within the construction limits as an additional laydown area.
42. Please confirm that contractor parking will be provided on site. This directly impacts pricing.
	1. The only contractor parking on site is to be within the construction limits.  All other parking is to be on the streets off campus.
43. Please confirm if this project is tax exempt. If so, will the VA provide the documentation to the prime contractor after award?
	1. See Page 9 Note 14 of the solicitation.
44. Please confirm this project must meet the buy American act requirements.
	1. See FAR 52.225-11 and FAR 52.225-12
45. Please confirm level 4 finish for all finished gypsum board including patches.
	1. Provide level 4 finish. Refer to specifications 09 91 00, page 7-8 for finish level.
46. Are we required to use plenum rated cabling for all areas? Can we use riser rated cabling in non plenum spaces?
	1. Plenum cabling shall be used throughout, unless otherwise specified.
47. Will flexible metal conduit be allowed?
	1. Only within six feet of equipment.
48. Please confirm the VA will be working and scheduling with the subsystem vendors on scheduling network outages.
	1. No the VA will not be scheduling any network outages.  GC to coordinate with all their subs and propose a schedule for outages to VA.  VA then will review and approve date.
49. Please confirm the mock-up is required to be a stand-alone wall area and this mock-up should not be incorporated into the overall of the construction of the facility.
	1. Mock-up is required to be a stand-alone wall area and this mock-up should not be incorporated into the overall of the construction of the facility.
50. Please confirm that one mock-up wall panel can be utilized for the required masonry conditions, window assembly, curtain wall details, metal wall panels, and elastomeric joint sealants.
	1. Yes. One mock-up wall can be utilized provided it does not delay or interfere with the submittal and ordering process.
51. Is the contractor required to provide the licensing for the new Security Cameras? Or will the VA be providing that?
	1. Contractor to provide licensing for new cameras in the first year warranty. VA to provide warranty after the first year..
52. Please confirm that this project is a competitive Service-Disabled Veteran-Owned Small Business Set-Aside project and that any bonding provided by a contractor must be through a SDVOSB or SBA/VA APPROVED Mentor-Protege partnership under the SBA/VA Mentor-Protégé program in which the partnership has been approved prior to the bid date.
	1. As noted in VAAR 852.219-73, this is a SDVOSB set-aside. The bonding requirements are set forth in FAR 52.228-1, 52.228-2, 52.228-11, 52.228-12, 52.228-15, VAAR 852.228-70, and VAAR 852.228-72. Matters of proposal preparation are matters of business judgment and the agency will not comment on such matters.
53. Please confirm that a large business not part of an SBA/VA APPROVED Mentor-Protégé team under the VA Mentor-Protégé program cannot provide a Payment & Performance bond for a SDVOSB.
	1. The bonding requirements are set for in FAR 52.228-1, 52.228-2, 52.228-11, 52.228-12, 52.228-15, VAAR 852.228-70, and VAAR 852.228-72. Matters of proposal preparation are matters of business judgement and the agency will not comment on such matters.
54. Please confirm no off hours or second shift work would be required on this project.
	1. There will be off hours and weekend work required on the project.  GC to propose dates for the after hours work for approval by the VA.
55. Please define off hours, we assume off hours to be second shift work but need confirmation.
	1. Normal working hours at the Sioux Falls VAMC are 8:00 AM to 4:30PM Monday – Friday, excluding Federal Holidays.
56. Section 01 00 00 general requirements “alterations includes that the GC will provide a thorough survey of areas in which work is to be done with the COR and VA representative in attendance”. Please confirm that the VA staff will schedule and have the time to do these surveys without delaying the contractor as these thorough surveys are extremely time-consuming.
	1. *Alterations* will be in accordance with specification 01 00 00, and other applicable plans, specifications, clauses, etc.
57. Please confirm per section 01 00 00 that contractor is to provide a commercial photographer/subcontractor with 3 years’ experience and that indexing/navigation will use AutoCAD drawings to be interactive online. Typically this has been waived on most other VA projects as most facilities do not have the capabilities to utilize AutoCAD.
	1. Contractor to provide commercial photographer per the specifications.
58. Please confirm the pre-determined intervals in which the photographic documentation is to be done.
	1. See specification section 01 00 00 1.26 for intervals.
59. Please confirm that contractor is to provide online hosting, security measures and redundant server back-up of the photographic documentation for the duration of the project.
	1. Yes the contractor is to provide online hosting, security measures, and redundant server backup of the photographic documentation. See specifications section 01 00 00 1.26 E for specific information.
60. Can the contractor QC manager serve as the photographer if they meet the requirement of having experience photographing construction projects. The term “Commercial Photographer” is vague, has no licensing requirements or any other information required.
	1. No, the QC manager may not serve as the photographer.
61. Can the QC manager serve as the photographer for the demonstration and training recordings? The term “Commercial Photographer” is vague, has no licensing requirements or any other information required.
	1. No, the QC manager may not serve as the photographer.
62. Please consider waiving the requirement for AISC certification for steel erection or steel fabrication. There is a very limited subcontractor pool who are both an AISC Streel Erector and Fabricator within the areas.
	1. No this will not be waved. AISC certified erectors and fabricators are required per specs 05 12 00 section 1.5.
63. Please confirm the General Contractor is to have two separate and direct contract with the DDC Contractor and the Systems Integrator.
	1. The Controls Vendor and System Integrator can be done by the same sub-contractor. There does not need to be two separate contracts.
64. If system integration is required for this contract, please provide a set of specs for this scope of work.
	1. Refer to, but not limit to, specifications 23 09 23, 27 05 11, 28 05 00, 28 13 00, 28 16 00, and 28 23 00.
65. Please confirm if the advanced utility metering system is provided by a sole source vendor.
	1. There are no sole source requirements unless otherwise stated in a Justification and Approval For Other Than Full and Open Competition (See Attachments).
66. Please confirm the DDC Contractor is not a sole source vendor for the campus and this project.

There are no sole source requirements unless otherwise stated in a Justification and Approval For Other Than Full and Open Competition (See Attachments)..

1. Please provide all the sole source justification documentation (brand name justification) on this project as part of the contract documents.

See attached Justification and Approval For Other Than Full and Open Competition.

1. Please confirm the Testing Laboratory qualified person is sufficient on-site during earthwork and excavation operations as outlined in spec section 01 45 29.
	1. Yes, per specification 01 45 29.
2. Please confirm who is responsible for the cost of additional excavation and import where unsuitable soils are found? Unsuitable soil locations should be evaluated on a case-by-case basis post contract award during construction.
	1. See 52.236-2 and FAR 52.236-3
3. Spec Section 01 45 35 listed as Special Inspections is referenced multiple times in the division 01 spec but no special inspection spec section 01 45 35 is included in the contract documents. Please provide this spec section if Special Inspections are required.
	1. See section 01 45 35 for information on special inspections.
4. Please confirm if Submittal Exchange can be used on this project.
	1. Yes. A/E firm to host Submittal Exchange during the construction period.
5. Please confirm the Fire Proofing requirement on the steel?
	1. Yes. Refer to GI102.
6. Spec section 23 09 23 Part 1.1 (D), reference VFD’s are furnished by Division 23. Plan Sheet EP501 reference VFD’s are furnished by Division 26. Can you please clarify which division is responsible to provide VFD’s? Division 26 do not include Spec’s for VFD’s
	1. Electrical specs have been updated to include VFD’s. Included the VSMC (VFD’S) in specifications 28 291 1-2.4. The VFD’s are furnished with the division 26 contractor.
7. Will installation of Underground conduits within the building be an approved installation method?
	1. Installation will be per the plans and specifications, and approved through the submittal process.
8. Plan sheet E-001 note K, will all motor connections with-in the boiler room 109 have this requirement?
	1. Correct, except as noted otherwise.
9. Plan sheet EP101. Will surface mounted conduit and devices be acceptable in boiler room 109 and not installed recessed in block?
	1. No.

1. Plan Sheet ES106. Will there need to be a vehicle detector loop installed on the south side of security gate for exiting vehicles to control gate opening?
	1. No, not included in scope of work.
2. Being that we are a Joint Venture, can you assist with clarifying on how the Government would like our team to submit the below items?
	1. **Surety Letter** - All Offerors shall submit current information on their **current Bonding/Surety Level for construction contracts**. The Offeror shall provide a letter from their surety demonstrating the offeror’s total bonding capacity and current available bonding capacity, dated no earlier than the solicitation release date*.*
		1. Our intent is to submit a letter from our Surety company noting the JV as the firm being represented*.* Please confirm this is acceptable.
			1. This is acceptable and required per the solicitation documents.
	2. **Safety and Environmental record** -The information must contain a certification that the bidder/offeror has no more than three (3) serious, or one (1) repeat or one (1) willful OSHA or any EPA violation(s) in the past three years. If such certification cannot be made, a Bidder/Offeror shall explain why and submit as much information as possible regarding the circumstances of its past safety and environmental record, including the number of EPA violations and/or the number of serious, repeat, and/or willful OSHA violations, along with a detailed description of those violations.
		1. Our intent is to submit one letter from the JV noting no violations have been received, and then break it down by each member company explaining each firms record. Please confirm this is acceptable.
			1. This is acceptable and required per the solicitation documents.
	3. **Experience Modification Rate (EMR)** - This information shall be obtained from the Offeror’s insurance carrier and be furnished on the insurance carrier’s letterhead**.** If an Offeror’s EMR is above 1.0, Offeror must submit a written explanation of the EMR from its insurance carrier furnished on the insurance carrier’s letterhead, describing the reasons for the elevated EMR and the anticipated date the EMR may be reduced to 1.0 or below.
		1. Our intent is to submit a letter per each member’s firm insurance company, not as the JV.  Please confirm this is acceptable.
			1. If submitting a proposal as a Joint Venture all requirements must be submitted as a Joint Venture. If information is not available as a Joint Venture individual EMRs will be acceptable.
3. Are you accepting prior approvals for the equipment being supplied to the Sioux Falls VA Boiler Plant project?
	1. See Evaluation Factor 5. All materials and equipment being provided will be reviewed and approved through the submittal process after contract award.
4. Please verify correct scale is associated with plan sheet EL103.
	1. See revised drawing EL103.
5. Plan sheet, ES101. Please clarify if keynotes are referencing the correct locations marked on plans.
	1. See revised drawing ES101. Conduit size and quantity can be found on drawings EP501 – EP504.
6. Plan sheet EY501 detail 5: Who is responsible for furnishing the card reader mounting post?
	1. The General Contractor.
7. Plan sheet EM101 Keynote 9: Where is the location of JCI Metasys control panel?
	1. See drawing sheet EP101 Telecom Room (IT Room).
8. Will there be detailed point to point drawings with conduit sizes and wire types for instrumentation and control wiring provided in a future addendum?
	1. No.
9. Does spray applied fireproofing only needs to be applied in these areas, or if all the structural steel for the mezzanine needs to be fireproofed? See below from Plan Sheet SF102.
	1. Spray Applied Fireprrofing needs to meet 2-hour rating for all structural framing including colums, beams per GI101 detail F5 (Columns detail refer to UL X790) and GI102.
10. Is this project tax exempt and if so will a certificate be issued?
	1. See Page 9 Note 14 of the solicitation.
11. How will payment be handled for materials stored offsite or onsite prior to installation? Full payment? Partial payment? Proof required that the materials have been paid for? Assuming the government will not pay for uninstalled materials, should the contractors include the carrying costs for materials until they are installed (financing, storage, etc.)?
	1. Payments will be in accordance with FAR 52.232-5, VAAR 852.232-71, or as otherwise proscribed in the solicitation.
12. CQCM - Is the Contractor Quality Control Manager required to be onsite full time with no other duties?
	1. Yes. CQCM to be full time on-site with no other duties.
13. CQCS - The individual Quality Control Specialists that are required for each trade and for Structural, Civil, and Environmental, etc., are to work directly for the Prime Contractor. Can they be part time employees?
	1. See specification 01 45 00.
14. SSHO – Is the Site Safety and Health Officer required to be onsite full time with no other duties
	1. Yes. SSHO to be full time on-site with no other duties.
15. Sustainable Construction Requirements – This is very comprehensive and costly. Will the government consider scaling this back to fit the scope of the project.
	1. No this will not be scaled back.
16. Change order pricing – will change orders be approved with the standard 10% OH +10% profit?
	1. Changes will be handled in accordance with FAR 52.236-2, 52.243-4, VAAR 852.243-70, or as otherwise proscribed in the solicitation.
17. At the site visit it was stated that there will be no advance payments for the boilers. Does this mean no payments at any time for materials or labor until the boilers have been commissioned?
	1. Payments will be in accordance with FAR 52.232-5, VAAR 852.232-71, or as otherwise proscribed in the solicitation.
18. In the Civil plan page CK502 it shows three tanks - Two water tanks with some NSF listed components.  Are these both full NSF drinking water tanks?  Do they need to be built just using NSF resin or do you need these to have the NSF stamp on them?  The difference is that only a couple Xerxes plants can apply the stamp even though the tanks are built the same in all plants with the same NSF resins.
	1. The tanks are non-potable water and do not need to be NSF Drinking water tanks.  Refer to 33 16 00.
19. Page PL500 in the plumbing plan shows a different tank layout ( two manways with collars and risers as opposed to single manways with extensions and hinged and lockable lids).  Can you clarify which design you want us to quote?  The plumbing plan also shows internal piping for the water fill.  Are you wanting us to quote that?
	1. PL500 is correct layout.  See revised drawing sheet CK502. Also refer to specification section 33 16 00 Underground Non-Potable Water Storage and Pumping.
20. On the Civil plan it shows the 35K fuel tank as a 12' diameter tank.  Does it have to be 12'  and do you need the other two tanks to be 12' as well?
	1. See Question 29.  The FO Pumps are selected/sized to Lift FO from the bottom of the tanks. If the tank diameter is increased, contractor is responsible for sizing the FO Pump lift to accommodate the larger diameter tanks.
21. Will you be posting the sign-in sheet from the 2nd site visit?
	1. See amendment 0004 attachments.
22. I have questions regarding the (10) exterior type “A” windows.
	1. Is there a spec section for these windows? Section 083453, paragraph 1.2, E; mentions section 085653 Blast Resistant Windows but that section does not exist?
		1. See attached specification 08 56 53.
	2. Is there a basis of design for these windows?
		1. No manufacturer’s basis of design. See attached specification 08 56 53.
23. We are looking at the aggregate pier scope for this project and it appears the scaling on the structural drawings is not correct. Also, none of the footings are labeled. Will this be fixed in an addendum?
	1. Drawings are 1/8” scale as indicated. See revised drawings for footing size updates.
24. Does the panels listed below for Emergency Life Safety need to be fused panels or can be standard circuit breakers? 12-LSE, 12-HSE, IT, 12-GEN
	1. All panelboards are standard circuit breakers, please refer to panelboard schedules on EP600 series drawing.
25. Page SB101 provides a spread footing schedule but there are no footing tags called out on F1 on SB101. Please provide Footing Tags.
	1. See revised drawings for footing updates.
26. It appears the footings shown on the F1 on SB101 do not match the continuous footing schedule provided on SB101.
	1. See revised drawings for footing updates.
27. Spec Section 08 34 53 provides a reference spec Section 08 56 53, BLAST RESISTANT WINDOWS: Windows and frames of a forced entry/ballistic resistant rated but this specification is not provided, please provide.
	1. See attached specification 08 56 53.
28. Please provide a specification for the Window Type A. Nothing is provided for Windows.
	1. See attached specification 08 56 53 and see specification 08 80 00.
29. Regarding the spec for Resinous Flooring 096723.30. 2.2A basis of design is called out as DecoFlake (decorative flake clear topcoat) product called out is a 3746 solid color floor with a sand broadcast and a solid color 3741 novolac epoxy (highly chemical resistant, rigid, non color stable) with an optional HTS 100 (not as chemical resistant as 3741 but much more abrasion resistant) topcoat; I would like some clarification on the intended appearance of the floor coating.
	1. See revised specification 09 67 23.30. The abrasive resistant epoxy is desired. The mentioned specs calls out the product as “basis of design”.
30. Plan sheet E-501 Detail (1) note 5: indicates innerduct with-in the concrete encased duct bank conduits for the site backbone telecommunications cabling noted on plan sheet ES-101 note 7 and 8.
	1. Is the innerduct note 5 referring to MaxCell innerduct?
		1. All materials must meet the plans and specifications.
	2. Will we be required in install new MaxCell in the existing Loop A & B duct bank for new telecommunications cabling?
		1. The contractor shall provide new concrete cell duct per the plans and specifications.
	3. Please confirm correct quantities of cabling referenced in notes 7 & 8 on plan sheet ES101.
		1. Supply the quantities in accordance with the contract documents.
31. Plan sheet ET101 note 11: This note contradicts plan sheet ES101 Note 7 & 8. Please clarify correct quantity of conduits and cabling that are entering IT room 114
	1. See revised drawing ET101.
32. Please provide further detailed size and structure requirements for new telecommunications Vaults.
	1. See revised drawing ES101. Provide precast vaults sized for meeting electrical needs.

1. Plan sheet ES101 note 3: Indicates location of existing FACP in building 11, per this note we are required to install new concrete encased duct bank to this location to feed the new boiler building FACP. Building 11 has a significant amount of exterior concrete. Will any of the existing be allowed to be removed for duct bank installation?
	1. The contractor shall remove existing concrete and repair as needed for new concrete cell-duct installation per the plans and specifications.
2. The foundation plan shows Columns C1, but there doesn’t appear to be a column schedule showing the column sizes.
	1. See revised drawing for size updates.
3. On Sheet GI101 /F5 red hatching shows areas to receive fireproofing.
	1. See sheet GI101 denoting 2-hour rating for ceiling assembly in red hatch.
4. On Sheet AE111 /F6 note 1 WALLS COMPLIES WITH UL 906 AND FLOOR / CEILING COMPLIES WITH UL N708 is this correct? Because as on GI101, it has less area to fireproof. Because it's exposed, are they wanting medium density fireproofing?
	1. By UL rating, the entire mezzanine deck is 2-hour rating. The rooms in red hatch on GI101 requires 2-hour rating.
5. Plan sheet ES105, Please clarify the exact location of where the new tunnel is entering new boiler plant.
	1. See revised drawing ES105.
6. Plan sheet ES106: Please clarify key notes 1 & 5, Conduit size discrepancy
	1. See revised drawing ES106.
7. Plan sheet ES106 Key note 6: Is it acceptable to combine all cabling into (1) junction box instead of the (3) shown and combine all cabling into (1) conduit to IT and use the cable tray as a path for cabling extending to control room?
	1. A single junction box is permissible providing it has built-in dividers and is a 3-gang junction box. The conduit system shall be kept separate, cabling shall be installed within conduit system as indicated on floor plan.
8. Plan sheet EM102 Key Note 7: Please provide further information regarding the light fixture type.
	1. Refer to light fixture schedule type “F”.
9. Spec section 26 05 33 (3.6 C) requires the use of rigid steel conduit if in contact with soil or below concrete building slabs. Can we take exception to this requirement and the use PVC underground conduits within the building as an approved installation method?
	1. No.
10. Spec section 26 05 33 (3.3 A.1): prohibits the use of mixing rigid steel or EMT conduit in the same system. Can we take exception to the requirement and transition from GRC to EMT or GRC to PVC as an approved installation method?
	1. No.
11. Plan sheet ES106: Please clarify key notes 1 & 5, Conduit size discrepancy
	1. See revised drawing ES106.
12. Fuel Oil Tanks | Detail 3/EP503 shows an above grade fuel oil tank, however the fuel oil tanks are underground fuel oil tanks. Please provide a revised detail.
	1. See revised drawing EP503.
13. Windows | Section 08 34 53, paragraph 1.2, E, mentions section 08 56 53 Blast Resistant Windows but that section does not exist. Is there a spec section for the windows?
	1. See added specification 08 56 53.
14. Windows | Is there a basis of design for the windows?
	1. No.
15. BAS | Drawing M1700 Mechanical Controls does not show any monitoring, alarming, or integration into the boiler control system. Please provide specific details as to what is expected of the building automation system with regards to integration, monitoring, trending, and alarming of the boiler control system.
	1. The DDC system shall not interface with the boiler controls system.
16. Section 23 09 23, Page 3, Responsibility Table, Line 10 | Specification 23 09 23, page 3, responsibility table, line 10, has the following: “Interface with boiler, boiler feed water systems, deaerator, blow down economizer heat exchanger, condensate receiver/storage tank”. We respectfully request that this be removed from the 23 09 23 DIRECT-DIGITAL CONTROL SYSTEM FOR HVAC section responsibility table unless specific points, alarms, and wiring details are provided. 
	1. The DDC system shall not interface with the boiler controls system.  See revised specification 23 09 23.
17. Section 23 09 23, Page 4, Responsibility Table, Line 1 | Specification 23 09 23, page 4, responsibility table, line 1 has the following: “Boiler, boiler feed water systems, deaerator, blow down economizer heat exchanger, condensate receiver/storage tank controls interface with control system”.  It lists 23 09 23 DIRECT-DIGITAL CONTROL SYSTEM FOR HVAC as being responsible for wiring the low voltage wiring of these systems, however there are no details, wiring diagrams, or information available for proper pricing. We respectfully request that the wiring requirements be removed from section 23 09 23 and put into the electrical section, along with the specific details, so proper pricing can be provided.
	1. The DDC system shall not interface with the boiler controls system.  See revised specification 23 09 23.
18. Asbestos Abatement | Asbestos specs are featured but an asbestos inspection report, or any information about what materials require abatement, appears to be missing. Please advise.
	1. Asbestos is not thought to be on existing conditions affecting the work. If discovered, this will be handled in accordance with the Contract Documents.
19. Section 075323 – EPDM Roofing
	1. 1.1 / A / 1. EPDM sheet roofing…
		1. States insulation is to be mechanically fastened to the lightweight concrete deck. Would it be permissible to adhere the insulation to the lightweight concrete deck?
			1. Yes, per the plans and specifications.
	2. 2.1 / A. Roofing System:…
		1. States… Adhered Mechanically fastened roofing membrane. Is it the intent of specifications to require an ‘Adhered’ or a ‘Mechanically Fastened’ roof membrane system?
			1. Installation will be per the plans and specifications.
	3. 2.2 / A / 2. Energy Performance
		1. 2. States
			1. A. EPA Energy Star Listed
			2. B. ASTM E1980; Min. 78 Solar Reflectance.
			3. C. 3yr Aged Performance: Min. 0.55 solar reflectance.
		2. None of these are applicable to a ‘Black’ EPDM (rubber) roof membrane system and would only be applicable to a ‘White’ or Grey membrane.
			1. Materials to meet plans and specifications, will be approved though the submittal process.
	4. 2.4 / A / 2. EPDM Roofing Membrane… color
		1. 2. Color: See Section 090600, Schedule of Finishes
		2. This section does not reference back to Section 075323 EPDM Roofing.
		3. No ‘Color’ of the roof membrane is noted in Section 09 06 00.
		4. Is it the intent of the specifications Section 07 53 23 – EPDM Roofing to require a ‘WHITE’ EPDM membrane?
			1. Materials to meet plans and specifications, will be approved though the submittal process.
			2. .
	5. 2.7 Separation Sheet / A. Poly… 6mil
		1. Is it the intent of the specifications to require a 6mil Polyethylene sheet to be used as an ‘Air & Moisture’ barrier between the concrete deck and the insulation assembly?
			1. No, see spec section 07 53 23.
		2. If so… this installation would benefit from the use of a self-adhering modified SBS vapor barrier membrane in lieu of 6mil poly. The poly will be torn up with the mechanical anchoring of the insulation assembly as specified. Also, it would not allow for an adhered insulation assembly if permitted
			1. No, see spec section 07 53 23.
		3. We would suggest that the 6mil Poly be removed from the specifications and replace with a self-adhering modified SBS vapor barrier membrane such as Carlisle’s VapAir Seal 725tr or Elevate (Firestone) V-Force membrane 6 mil Poly.
			1. No, see spec section 07 53 23.
	6. 3.5 Roofing Installation
		1. E. Membrane Perimeter Anchorage / 1. Install batten… as indicated on drawings.
		2. AE301 does not show any additional ‘Batten’ anchorage at the roof perimeter.
		3. Is it the intent of the specifications to require additional ‘Batten’ anchorage at the perimeter of the roof?
			1. No, see detail B1/AE301
		4. Or would it be permissible to use the manufacturer standard perimeter anchorage details per warranty requirements?
			1. Yes.
20. Div 8
	1. Is there a spec section for these windows? Section 083453, paragraph 1.2, E; mentions section 085653 Blast Resistant Windows but that section does not exist?
		1. See attached specification 08 56 53.
	2. Is there a basis of design for these windows?
		1. There is no manufacturer’s basis of design.
21. Div 5
	1. The columns don’t seemed to be defined in the prints past their depth, will these be clarified in a separate addendum or should we qualify our assumptions in our proposal?
		1. Footing sizes updated on addendum 3 plans.
	2. Are we ok to assume the T.O.F for exterior columns is 95’ 4” based on the elevations shown on AE300.?
		1. Top of Footing (TOF) can be 32” below Finished Floor
	3. For the trench covers, Det. B4/SB301 calls for a 3/8” steel plate but since this is going to be a walkable surface would you rather have checkered plate?
		1. See revised plans and specifications.
	4. Can we assume that roof elevation of 127’ 0” is occurring at gridline A.1 and it will decrease ¼” per foot in the plan east direction based on AE104?
		1. Top of concrete roof slab is at 127’-0”. The roof insulation tapers per AE104. Roof insulation slope ¼” per foot to drain.
	5. Are we assuming the column at A.1x1.1 is type C1 and with a BP1 type baseplate?
		1. See revised drawing SB101
	6. Regarding that trench cover, the specification calls for L2-1/2X2-1/2X1/4 but this would require us to provide a 1-7/8” spacer to keep the walking surface of the cover plate level with the finished floor. We were wondering if we could use a smaller angle or some bent plate to reduce the amount of spacers necessary?
		1. That is acceptable.
22. Underground
	1. Are there specifications/make and model number for:
		1. EV-1 6" Flanged Emergency Gas Safety Shut off Valve (Natural Gas)
			1. See specifications 23 11 23 and 23 52 39.
		2. EV-2 1" Emergency Gas Safety Shut off Valve (Liquified Petroleum Gas)
			1. See specification 23 52 39.
		3. EV-3 6" Flanged Earthquake Automatic Gas Shut off Valve (Natural Gas)
			1. No earthquake valves are required
		4. EV-4 1" Earthquake Automatic Gas Shut off Valve (Liquified Petroleum Gas)
			1. No earthquake valves are required
		5. 6" Flanged Natural Gas Meter (inside reader at accessible location)
			1. See Specification 25 10 10
		6. Emergency stop buttons for all emergency gas shut off valves for natural gas and fuel oil pump. How many exit locations required?
			1. See sheets MP101 and PL200.  Emergency Stop Switches are required at all exit doors per ASME CSD-1.  Switches are specified in Division 26. Also see Specification 23 09 11.
	2. The plan drawings shows an 8" domestic water service from Garfield Avenue and an 8" domestic water service from West 26th Street entering the new boiler room. The plumbing drawings show any 8" reduced backflow preventer on each riser with no water meter. As a water meter is required by the city and the city does not have 8" water meters in their system, the city would like to see 2-4" water meters and 2-4" reduced backflow preventors on each 8" riser. The 2 water meters and 2 reduced backflow preventers can then be increased on the outlet side to 8" (see attached drawing). The city has 4" water meters and repair parts at the Sioux Falls Shop. (Note: The city will not allow for any type of bypass around water meters.)
		1. See revised drawings related to this work.
	3. As this is a 2.5-year project, how would you handle material and equipment cost increase as the boiler room interior material and equipment most likely will not be required in the first year on site if not a little longer. If certain items are purchased at the beginning of the project and put into a warehouse area, but not installed for one to two years prior to start up, the manufacturers will most likely not warranty the item in question.
		1. This question is a *matter of business* question in which the Government will not give direction to. See FAR 52.246-21 Alt I for warranty requirements.
	4. Plan Sheet PL 101 6" CW to storage tanks and 2" IWS Piping. Should there be isolation values for each tank for future maintenance, etc.?
		1. See revised drawings PL700 and PL701; refer to Addendum 3
	5. Supplier Clarification- All valves are called out as carbon steel construction. There are many valves in the current plant that are cast iron. Is cast iron a VE option for steam/condensate valves, traps, regulators, relief valves?
		1. No
	6. Tanks— The tank specified is a Xerxes Fiberglass tank. An alternate option is a steel tank with an interior epoxy lining for water. Exterior is sprayed with fiberglass. Would this be an acceptable alternative?
		1. No.
23. Civil
	1. Sheet CD101 keynote 7 states to remove and dispose steam piping. (see note 10) Note 10 states to repair affected utilities to allow for continued use. Plan sheet center of sheet CD101 states refer to note 2 for decommissioning steam piping prior to demolition. (existing steam vaults to remain). Question, would the steam piping need to be relocated to the west side of the new proposed building for the duration of construction then be abandoned in place?
		1. See revised drawing CD101
	2. Sheet CU 101 keynote 9 states furnish and install steam manhole ( detail F1, CKS03) This detail shows the steam manhole and piping the specifications Division 33-Utilities Section 33 6300 steam energy distribution states piping, insulation, valves, steam traps, strainers, support systems, etc. Also, the specification asks for a sump pump, electric, high temperature with automatic controls and high-water alarm. Question: Piped to where?
		1. See revised drawing CU101 and revised specification 33 63 00.
	3. Sheet MP103. Details A-8-FS shows all the piping from the building to the existing and new manhole- 4. The question is the piping for the mechanical contractor or by the utility contractor as this is outside of the building limits?
		1. Coordinate supply/install of the steam and condensate lines outside the building and in the manhole #4 with the general contractor as to scope of responsibility.
24. Please confirm the Prime must provide wifi and utilities for job site trailer/office.
	1. Yes the prime must provide wifi and utilities for the jobsite trailer as per 01 00 00 1.17.
25. These are questions are in regard to the picture below.
	1. What size is the fitting on the left side?
		1. Note 19 calls out a leak detection sensor.  The size is whatever the manufacturer needs to install the wire/sensors. The other round fitting is a spare fitting/opening but is not required.
	2. Do you know how far apart you want the fittings?
		1. Space the fittings as needed to allow installation.
	3. Is this a Carbon steel manway lid or a stainless steel?
		1. Per 23 10 10 manholes are steel.
	4. On the fitting that said 4”x 2”. Do you want a 4” fitting and they add a reducer to a 2” or do you want just a 2” fitting there?
		1. 2” fitting.



1. What are they requiring for flow from the air compressor?
	1. See revised drawing PL600.
2. For the trench cover, the specifications are giving details that are incompatible with what is shown in the prints and include the addition of ½” steel bar handles that isn’t present in the details. How do you want these handled?
	1. See revised Specification 31 20 11and revised drawing CK501.
3. I am not seeing a spec for the coiling overhead door, I’m also not seeing a door schedule, there is a hardware schedule in the specs, but I do not see anything showing the frame and door types per the doors on the drawings or what doors would be considered the security doors and frames. Can you please advise what you are looking for in detail?
	1. See attached specification 08 33 00.
4. The hardware spec has door 104 doubled up in hardware group 5 & 6. Just need to clarify which of the two to use.
	1. See revised specification 08 71 00.
5. Doors 103.1 and 109.1 are not listed for hardware groups, so we'll need clarification on that.
	1. See revised specification 08 71 00 and drawing AE600.
6. While we are intending to provide the guy wire base seen on Det. B9/SF401, will you be expecting us to pick up the wire ropes?
	1. General contractor to determine who will be “picking up” items. General Contractor is to provide all materials and labor per the plans, specifications, and contract documents to complete the project.
7. Division 4
	1. Can we confirm that there is no thin brick? I'm seeing thin brick called out in the spec, but I'm only seeing modular on the plans. There is no thin brick in the project.
		1. Is there a specific manufacturer they're looking to have match existing buildings' brick? As in, do they know what the brick is already, or do they need someone to go out and try to match it? See 04 20 00
	2. Is the 4" veneer below FF standard gray? See 04 20 00
	3. how far below FF 100' elevation does the brick go on each side of the building? See SF401 for elevation of footing and extent of brick
8. Division 5
	1. We are seeing architectural details (Det. C1 & F1/AE302) that are showing steel framing in the propane storage area that are not present in the structural. Do you have any details for these members showing their size and quantity? SF402
	2. AE411 is showing that all exterior handrails are to be aluminum tube, please advise which alternates will be accepted, if any.
		1. All materials provided must meet the plans and specification.
	3. Please provide a Lintel schedule if possible.
		1. See SE201